

Rogaine®

TOPICAL SOLUTION

minoxidil 2%

INDICATIONS AND USAGE

ROGAINE is indicated for treatment of androgenetic alopecia, expressed in men as male pattern baldness of the vertex and in women as diffuse hair loss or thinning of the frontoparietal area. At least 4 months of twice daily applications are necessary before evidence of hair growth can be expected.

CONTRAINDICATIONS

Hypersensitivity to minoxidil, propylene glycol, or ethanol.

WARNINGS

1. *Need for normal scalp:* Before starting treatment, make sure that the patient has a normal, healthy scalp. Local abrasion or dermatitis may increase absorption and hence the risk of side effects.

2. *Potential adverse effects:* Although extensive use of topical minoxidil has not revealed evidence that enough minoxidil is absorbed to have systemic effects, greater absorption because of misuse, individual variability, or unusual sensitivity could, at least theoretically, produce a systemic effect.

Experience with oral minoxidil has shown the following major cardiovascular effects (Review the package insert for LONITEN® Tablets for details.):

- salt and water retention, generalized and local edema
- pericardial effusion, pericarditis, tamponade
- tachycardia
- increased incidence of angina or new onset of angina

Patients with underlying heart disease, including coronary artery disease and congestive heart failure, would be at particular risk of these potential effects. Additive effects could also emerge in patients being treated for hypertension.

Potential patients should have a history and physical and should be advised of potential risks. A risk/benefit decision should be made. Heart patients should realize that adverse effects may be especially serious.

Alert patients to the possibility of tachycardia and fluid retention and monitor for increased heart rate, weight gain, or other systemic effects.

PRECAUTIONS

General Precautions: Monitor patients 1 month after starting ROGAINE and at least every 6 months thereafter. Discontinue ROGAINE if systemic effects occur.

The alcohol base will burn and irritate the eye. If ROGAINE reaches sensitive surfaces (eg, eyes, abraded skin, and mucous membranes), bathe with copious cool water.

Avoid inhaling the spray.

Do not use in conjunction with other topical agents, such as corticosteroids, retinoids and petrolatum, or agents that enhance percutaneous absorption.

ROGAINE is for topical use only. Each mL contains 20 mg minoxidil, and accidental ingestion could cause adverse systemic effects.

Decreased integrity of the epidermal barrier caused by inflammation or disease of the skin, eg, excoriations, psoriasis, or severe sunburn, may increase minoxidil absorption.

Patient Information: A patient information leaflet is included with each package and in the full product information.

Drug Interactions: No drug interactions are known. Theoretically, absorbed minoxidil may potentiate orthostatic hypotension in patients taking guanethidine.

Carcinogenesis, Mutagenesis, and Impairment of Fertility: No carcinogenicity was found with topical application. Oral administration may be associated with an increased incidence of malignant lymphomas in female mice and hepatic nodules in male mice. In rats, there was a dose-dependent reduction in conception rate.

Pregnancy Category C: ROGAINE should not be used by pregnant women.

Labor and Delivery: The effects are not known.

Nursing Mothers: ROGAINE should not be administered to nursing mothers.

Pediatric Use: Safety and effectiveness has not been established for patients under age 18.

Postmenopausal Use: Efficacy in postmenopausal women has not been studied.

ADVERSE REACTIONS

ROGAINE was used by 3,857 patients (347 females) in placebo-controlled trials. Except for dermatologic events, no individual reaction or reactions grouped by body systems appeared to be increased in the minoxidil-treated patients.

Dermatologic: irritant or allergic contact dermatitis - 7.36%; **Respiratory:** bronchitis, upper respiratory infection, sinusitis - 7.16%; **Gastrointestinal:** diarrhea, nausea, vomiting - 4.33%; **Neurologic:** headache, dizziness, faintness, light-headedness - 3.42%; **Musculoskeletal:** fractures, back pain, tendonitis - 2.59%; **Cardiovascular:** edema, chest pain, blood pressure increases/decreases, palpitation, pulse rate increases/decreases - 1.53%; **Allergic:** nonspecific allergic reactions, hives, allergic rhinitis, facial swelling, sensitivity - 1.27%; **Metabolic-Nutritional:** edema, weight gain - 1.24%; **Special Senses:** conjunctivitis, ear infections, vertigo - 1.17%; **Genital Tract:** prostatitis, epididymitis - 0.91%; **Urinary Tract:** urinary tract infections, renal calculi, urethritis - 0.93%; **Endocrine:** 0.47%; **Psychiatric:** anxiety, depression, fatigue - 0.36%; **Hematologic:** lymphadenopathy, thrombocytopenia - 0.31%.

Patients have been followed for up to 5 years, and there has been no change in incidence or severity of reported reactions. Additional events have been reported since marketing and include eczema; hypertrichosis; local erythema; pruritus; dry skin/scalp flaking; sexual dysfunction; visual disturbances, including decreased visual acuity; exacerbation of hair loss; and alopecia.

DOSAGE AND ADMINISTRATION

Hair and scalp should be dry before application. 1 mL should be applied to the total affected areas twice daily. Total daily dose should not exceed 2 mL. If the fingertips are used to facilitate drug application, wash the hands afterwards. If hair regrowth is realized, maintenance of twice daily applications is necessary for additional and continued hair regrowth.

HOW SUPPLIED

One 60-mL bottle with multiple applicators NDC 0009-3367-05
Three 60-mL bottles with applicators NDC 0009-3367-19

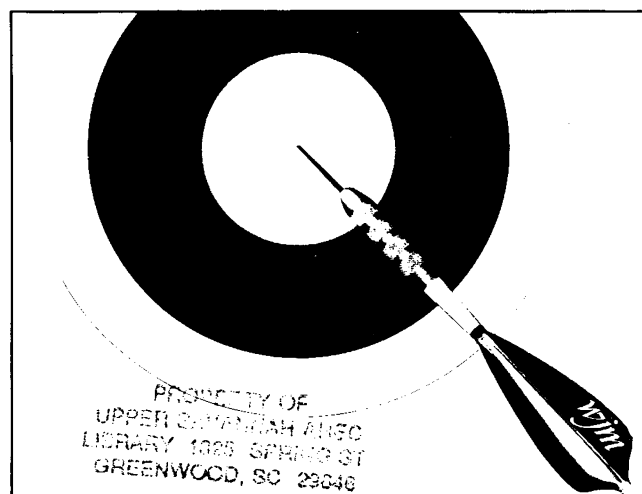
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"Instructions for Authors"—A complete guide to manuscript submission and *WJM* style appears

in most issues. Manuscripts may be prepared in accordance with the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals" (*Annals of Internal Medicine*, Feb 1988; *The Medical Journal of Australia*, Feb 1988).

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AeroBid® (flunisolide)

Effective asthma control BID

For oral inhalation only

CONTRAINDICATIONS

AeroBid Inhaler is contraindicated in the primary treatment of status asthmaticus or other acute episodes of asthma where intensive measures are required.

Hypersensitivity to any of the ingredients of this preparation contraindicates its use.

WARNINGS

Particular care is needed in patients who are transferred from systemically active corticosteroids to AeroBid Inhaler because deaths due to adrenal insufficiency have occurred in asthmatic patients during and after transfer from systemic corticosteroids to aerosol corticosteroids. After withdrawal from systemic corticosteroids, a number of months are required for recovery of hypothalamic-pituitary-adrenal (HPA) function. During this period of HPA suppression, patients may exhibit signs and symptoms of adrenal insufficiency when exposed to trauma, surgery or infections, particularly gastroenteritis. Although AeroBid Inhaler may provide control of asthmatic symptoms during these episodes, it does NOT provide the systemic steroid that is necessary for coping with these emergencies.

During periods of stress or a severe asthmatic attack, patients who have been withdrawn from systemic corticosteroids should be instructed to resume systemic steroids (in large doses) immediately and to contact their physician for further instruction. These patients should also be instructed to carry a warning card indicating that they may need supplementary systemic steroids during periods of stress or severe asthma attack. To assess the risk of adrenal insufficiency in emergency situations, routine tests of adrenal cortical function, including measurement of early morning resting cortisol levels, should be performed periodically in all patients. An early morning resting cortisol level may be accepted as normal if it falls at or near the normal mean level.

Localized infections with *Candida albicans* or *Aspergillus niger* have occurred in the mouth and pharynx and occasionally in the larynx. Positive cultures for oral *Candida* may be present in up to 34% of patients. Although the frequency of clinically apparent infection is considerably lower, these infections may require treatment with appropriate antifungal therapy or discontinuance with AeroBid Inhaler.

AeroBid Inhaler is not to be regarded as a bronchodilator and is not indicated for rapid relief of bronchospasm.

Patients should be instructed to contact their physician immediately when episodes of asthma that are not responsive to bronchodilators occur during the course of treatment. During such episodes, patients may require therapy with systemic corticosteroids.

There is no evidence that control of asthma can be achieved by administration of the drug in amounts greater than the recommended doses, which appear to be the therapeutic equivalent of approximately 10 mg/day of oral prednisone. Theoretically, the use of inhaled corticosteroids with alternate day prednisone systemic treatment should be accompanied by more HPA suppression than a therapeutically equivalent regimen of either alone.

Transfer of patients from systemic steroid therapy to AeroBid Inhaler may unmask allergic conditions previously suppressed by the systemic steroid therapy, e.g., rhinitis, conjunctivitis, and eczema.

PRECAUTIONS

General: Because of the relatively high molar dose of flunisolide per activation in this preparation, and because of the evidence suggesting higher levels of systemic absorption with flunisolide than with other comparable inhaled corticosteroids, patients treated with AeroBid should be observed carefully for any evidence of systemic corticosteroid effect, including suppression of bone growth in children. Particular care should be taken in observing patients post-operatively or during periods of stress for evidence of a decrease in adrenal function. During withdrawal from oral steroids, some patients may experience symptoms of systemically active steroid withdrawal, e.g., joint and/or muscular pain, lassitude and depression, despite maintenance or even improvement of respiratory function.

In responsive patients, flunisolide may permit control of asthmatic symptoms without suppression of HPA function. Since flunisolide is absorbed into the circulation and can be systemically active, the beneficial effects of AeroBid Inhaler in minimizing or preventing HPA dysfunction may be expected only when recommended dosages are not exceeded.

The long-term effects of the drug in human subjects are still unknown. In particular, the local effects of the agent on developmental or immunologic processes in the mouth, pharynx, trachea, and lung are unknown. There is also no information about the possible long-term systemic effects of the agent.

The potential effects of the drug on acute, recurrent, or chronic pulmonary infections, including active or quiescent tuberculosis, are not known. Similarly, the potential effects of long-term administration of the drug on lung or other tissues are unknown.

Pulmonary infiltrates with eosinophilia may occur in patients on AeroBid Inhaler therapy. Although it is possible that in some patients this state may become manifest because of systemic steroid withdrawal when inhalational steroids are administered, a causative role for the drug and/or its vehicle cannot be ruled out.

Carcinogenesis: A 22-month study was conducted in Swiss derived mice to evaluate the carcinogenic potential of the drug. There was an increase in the incidence of pulmonary adenomas within the range of adenomas previously reported in the literature for untreated or control Swiss derived mice. An additional study is being conducted in a species with a lower incidence of spontaneous pulmonary tumors.

Impairment of fertility: Female rats receiving high doses of flunisolide (200 mcg/kg/day) showed some evidence of impaired fertility. Reproductive performance in the low (8 mcg/kg/day) and mid-dose (40 mcg/kg/day) groups was comparable to controls.

Pregnancy: Pregnancy Category C. As with other corticosteroids, flunisolide has been shown to be teratogenic in rabbits and rats at doses of 40 and 200 mcg/kg/day respectively. It was also fetotoxic in these animal reproductive studies. There are no adequate and well-controlled studies in pregnant women. Flunisolide should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because other corticosteroids are excreted in human milk, caution should be exercised when flunisolide is administered to nursing women.

ADVERSE REACTIONS

Adverse events reported in controlled clinical trials and long-term open studies in 514 patients treated with AeroBid are described below. Of those patients, 463 were treated for 3 months or longer, 407 for 6 months or longer, 287 for 1 year or longer, and 122 for 2 years or longer.

Musculoskeletal reactions were reported in 35% of steroid-dependent patients in whom the dose of oral steroid was being tapered. This is a well-known effect of steroid withdrawal.

Incidence 10% or greater

Gastrointestinal: diarrhea (10%), nausea and/or vomiting (25%), upset stomach (10%). **General:** flu (10%). **Mouth and Throat:** sore throat (20%). **Nervous System:** headache (25%). **Respiratory:** cold symptoms (15%), nasal congestion (15%), upper respiratory infection (25%). **Special Senses:** unpleasant taste (10%).

Incidence 3-9%

Cardiovascular: palpitations; **Gastrointestinal:** abdominal pain, heartburn; **General:** chest pain, decreased appetite, edema, fever; **Mouth and Throat:** candida infection; **Nervous System:** dizziness, irritability, nervousness, shakiness; **Reproductive:** menstrual disturbances; **Respiratory:** chest congestion, cough, hoarseness, rhinitis, runny nose, sinus congestion, sinus drainage, sinus infection, sinusitis, sneezing, sputum, wheezing; **Skin:** eczema, itching (pruritus), rash; **Special Senses:** ear infection, loss of smell or taste.

Incidence 1-3%

General: chills, increased appetite and weight gain, malaise, peripheral edema, sweating, weakness; **Cardiovascular:** hypertension, tachycardia; **Gastrointestinal:** constipation, dyspepsia, gas; **Hemic/Lymph:** capillary fragility, enlarged lymph nodes; **Mouth and Throat:** dry throat, glossitis, mouth irritation, pharyngitis, phlegm, throat irritation; **Nervous System:** anxiety, depression, faintness, fatigue, hyperactivity, hypoactivity, insomnia, moodiness, numbness, vertigo; **Respiratory:** bronchitis, chest tightness; dyspnea, epistaxis, head stuffiness, laryngitis, nasal irritation, pleurisy, pneumonia, sinus discomfort; **Skin:** acne, hives, or urticaria; **Special Senses:** blurred vision, earache, eye discomfort, eye infection.

Incidences less than 1%, judged by investigators as possibly or probably drug-related: abdominal fullness, shortness of breath.

*The incidences as shown of cough, wheezing, and chest tightness were judged by investigators to be possibly or probably drug-related. In placebo-controlled trials, the overall incidences of these adverse events (regardless of investigators' judgement of drug relationship) were similar for drug and placebo-treated groups. They may be related to the vehicle or delivery system.

CAUTION: Federal law prohibits dispensing without prescription. For full prescribing information, please see package insert.

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References:

1. National Heart, Lung, and Blood Institute National Asthma Education Program Expert Panel Report—Guidelines for the Diagnosis and Management of Asthma. Bethesda, MD: US Dept of Health and Human Services, 1991.
2. Physicians' Desk Reference®. 45th ed. Oradell, NJ: Medical Economics Co Inc, 1991:955, 1962, 2026.



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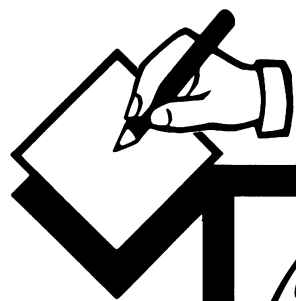
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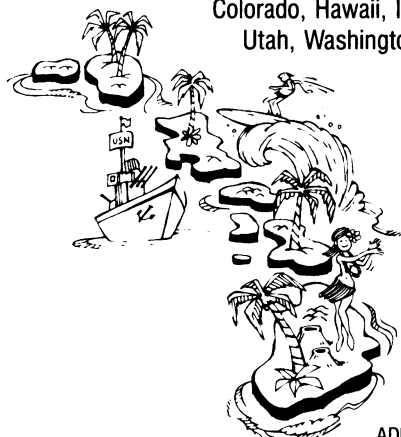
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Brochures and registration forms are available from the contact person or organization sponsoring the program.

November 14-16—**Fourth Annual Spine Workshop.** Barrow's Neurological Institute, St Joseph's Hospital and Medical Center at Marriott's Mountain Shadows Resort, Scottsdale. Wed-Fri. Contact: Toby Anchic, (602) 285-3178 or (800) BARROW-1.

November 15-16—**Pediatric Genetics and Dermatology: A Practical Approach.** University of Arizona College of Medicine at Hotel Park Tucson. Fri-Sat. Contact: (602) 626-7832.

November 15-16—**4th Annual Techniques in Gynecological Surgery.** Mayo Clinic-Scottsdale at the Scottsdale Plaza Resort, Scottsdale. Fri-Sat. Contact: Trish Gean, Mayo Clinic-Scottsdale.

November 15-17—**The Advanced Medical Staff Seminar.** Joint Commission on the Accreditation of Health Care Organizations, Phoenix. Fri-Sun. Contact: Kyle Dooley Kinder, ArHA, (602) 968-1083.

November 22—**Update on Arthritis.** University of Arizona College of Medicine at the Sheraton Conquistador, Tucson. Fri. Contact: U of A.

November 24-27—**8th Annual "State of the Art in Total Joint Replacement."** Harrington Arthritis Research Center, St Luke's Hospital at the Scottsdale Princess Resort, Scottsdale. Sun-Wed. Contact: Nancy Neroni, (602) 254-0377.

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U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 85724. (602) 626-7832.

CALIFORNIA, HAWAII, AND NEVADA

This listing of continuing education programs in California, Hawaii, and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690; or phone (415) 541-0900. For more information on accreditation or certification, please write to the above address.

ALLERGY

February 6-8—**Allergy Diagnosis.** UCSD at La Jolla Village Inn. Thurs-Sat. 20 hrs. \$290. Contact: Janice Turner, PO Box 2586, La Jolla 92038. (619) 459-1564.

March 27-28—**Asthma and Allergy in the 1990s.** Medical Education Resources at Wyndham Hotel, Palm Springs. Fri-Sat. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

ANESTHESIOLOGY

January 9-12—**UCSD Anesthesia Update: 1992.** UCSD at Hotel del Coronado, San Diego. Thurs-Sun. Contact: UCSD.

January 19-21—**Second America-Japan Anesthesia Congress.** International Anesthesia Research Society at Sheraton Waikiki Hotel, Honolulu, Hawaii. Sun-Tue. 14 hrs. \$250. Contact: Vicky Larsen, University of Utah School of Medicine, 50 North Medical Drive, Salt Lake City, UT 84132. (801) 581-6115.

January 19-24—**Hawaiian Seminar on Clinical Anesthesia.** California Society of Anesthesiologists at Westin Maui Hotel, Kaanapali Beach, Maui, Hawaii. Sun-Fri. 20 hrs. Contact: California Society of Anesthesiologists, 1065 E Hillsdale Blvd, #410, Foster City 94404. (800) 345-3691.

January 24-26—**30th Clinical Conference in Pediatric Anesthesiology.** Children's Hospital of Los Angeles at Stouffer Concourse Hotel. Fri-Sun. 15 hrs. Contact: Katherine Barky, MD, PO Box 54700, Los Angeles 90054. (213) 669-2262.

March 13-17—**66th Congress of the International Anesthesia Research Society.** International Anesthesia Research Society at San Francisco Hilton & Towers. Fri-Tues. Contact: Anne Maggiore, IARS, 2 Summit Park Dr, Ste 140, Cleveland, OH 44131. (216) 642-1124.

March 21-22—**Postgraduate Assembly.** Los Angeles County Society of Anesthesiologists at Sheraton Universal Hotel, Universal City. Sat-Sun. Contact: Michael Carlson, 1903 Redondo Ave, Long Beach 90804. (213) 597-2661.

March 21-26—**20th Obstetric Anesthesia Conference.** Ohio State University Hospitals at Sheraton Waikiki Hotel, Honolulu, Hawaii. Sat-Thurs. Contact: Arlene Rogers, 410 W 10th Ave, Columbus, OH 43210. (614) 293-8487.

CARDIOLOGY

November 15-16—**The Cardiac Patient.** Memorial/UCI Center for Health Education at Marriott, Newport Beach. Fri-Sat. Contact: UCI.

December 7—**9th Annual International Pulmonary Symposium.** Memorial/UCI Center for Health Education. Sat. Contact: UCI.

February 14-16—**Arrhythmias: Interpretation, Diagnosis and Management.** Medical Education Resources at Disneyland Hotel, Anaheim. Fri-Sun. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

March 20-21—**Cardiac Diagnostic Methods & Risk Management.** Medical Education Resources at Caesars Palace, Las Vegas, Nevada. Fri-Sat. Contact: MER, 1500 W Canal Ct, Ste 500, Littleton, CO 80120. (800) 421-3756.

April 4—**Practical Cardiology for the '90s.** Grossmont Hospital at La Mesa. Sat. Contact: Karen Hamilton, PO Box 158, La Mesa 91944-0158. (619) 589-4168.

April 6-11—**31st Annual Cardiology Retreat.** Scripps Clinic and Research Foundation at Rancho Santa Fe. Mon-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

April 21-23—**2nd Annual Symposium on Coronary Stenting: A Live Demonstration Course.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Tues-Thurs. 18 hrs. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

CRITICAL CARE

January 9-11—**The California Trauma Conference.** UCD at Hyatt Regency Hotel, Sacramento. Thurs-Sat. 14 hrs. \$395. Contact: UCD.

DERMATOLOGY

January 17-19—**Practical Dermatology and Dermatologic Office Procedures for the Primary Care Physician.** UCSD at Hyatt Regency, La Jolla. Fri-Sun. 20 hrs. Contact: Jacqueline Shiller, Box 84296, San Diego 92138. (619) 223-2997.

January 31-February 2—**Cutaneous Malignancies: 1992 Skin Cancer Update.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Fri-Sun. 18 hrs. Contact: Susan Buntjer, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Road, La Jolla 92037. (619) 554-8556.

February 27—**Problems of the Aging Skin.** Stanford Medical Center at Palm Springs. Thurs-Sun. Contact: Pamela Bain, R-144, Stanford 94305. (415) 723-7854.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 464)

EMERGENCY MEDICINE

- November 16-17—**Biomechanics of Trauma**. UCSD at San Diego Marriott. Sat-Sun. Contact: UCSD.
- December 9-13—**Emergency Medicine Symposia II**. UCSD at Basic Science Building, La Jolla. Mon-Fri. Contact: UCSD.
- January 10-11—**California Trauma Conference**. UCD at Hyatt Regency, Sacramento. Fri-Sat. Contact: UCD.
- January 13-17—**Emergency Medicine Symposia I**. UCSD at San Diego Hilton Beach & Tennis Resort. Mon-Fri. Contact: UCSD.
- February 23-28—**Emergency Medicine**. UCD at Incline Village, Nevada. Sun-Fri. Contact: UCD.
- March 8-13—**13th Annual Mammoth Mountain Emergency Medicine Ski Conference**. CAL/ACEP and Orange County Emergency Department at Mammoth Lakes. Sun-Fri. 18 hrs. \$395. Contact: Mark Song, Medical Conferences, PO Box 52-B, Newport Beach 92662. (714) 552-0831.
- April 1-4—**8th Annual Advances in Emergency Medicine**. UCSF at Pan Pacific Hotel, San Francisco. Wed-Sat. \$455. Contact: UCSF.

ENDOCRINOLOGY AND METABOLISM

- March 4-5—**Advances in Endocrinology and Metabolism**. UCSF at Pan Pacific Hotel, San Francisco. Wed-Thurs. 14.5 hrs. \$295. Contact: UCSF.
- March 6—**18th Annual Diabetes Symposium**. UCD at Sacramento. Fri. 6 hrs. \$140. Contact: UCD.
- March 6-7—**Diabetes Update**. UCSF at Pan Pacific Hotel, San Francisco. Fri-Sat. 10 hrs. \$245. Contact: UCSF.

FAMILY PRACTICE/PRIMARY CARE

- November 15-17—**Family Practice Today & Tomorrow**. UCSD at Sheraton Hotel, San Diego. Fri-Sun. Contact: UCSD.

KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690. (415) 541-0900.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Herbert M. Thomas, MD, MPH, Director of CME, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th St, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University
Contact: James J. Couperus, MD, Associate Dean for Educational Affairs, Loma Linda University School of Medicine, Loma Linda 92350.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Medical School Office Building, Suite X-365, Stanford 94305-6114. (415) 723-5594.
- UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Blvd, Sacramento 95817. (916) 734-5390.
- UCI: University of California, Irvine
Contact: Melvin I. Marks, MD, Director, Memorial/UCI Center for Health Education, Long Beach Memorial Medical Center, 2801 Atlantic Ave, PO Box 1428, Long Beach, California 90801-1428. (213) 595-3811.
- UCLA: University of California, Los Angeles Extension
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-8423.
- UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 534-3940.
- UCSF: University of California, San Francisco
Contact: Janet Johnson, Administrative Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 476-4251.
- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 1975 Zonal Ave, KAM314, Los Angeles 90033. (213) 224-7051.

February 9-15—**UCI Family Practice Refresher Course**. Memorial/UCI Center for Health Education at Marriott Hotel, Newport Beach. Sun-Sat. Contact: UCI.

February 13-15—**Current Concepts in Cancer Management: A Symposium for Primary Care Physicians and Cancer Care Providers**. Hoag Memorial Center at Newport Beach Marriott. Thurs-Sat. \$350. Contact: Meeting Management, 5665 Oberlin, Ste 110, San Diego 92121. (619) 453-6222.

February 13-16—**44th Annual Scientific Assembly**. California Academy of Family Physicians at Sheraton Harbor Island Hotel, San Diego. Thurs-Sun. 26 hrs. \$275. Contact: Robert Fagan, CAFF, 114 Sansome St, Ste 1305, San Francisco 94104. (415) 394-9121.

February 14-16—**Office Gynecology for the Primary Care Physician**. SDSU at Hyatt Islandia, San Diego. Fri-Sun. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

February 17-19—**Issues in Men's Health**. SDSU at Hyatt Islandia, San Diego. Mon-Wed. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

March 25-27—**Annual Review in Family Medicine: Controversies and Challenges in Primary Care**. UCSF. Wed-Fri. 15.5 hrs. Contact: UCSF.

April 4-11—**5th Annual Primary Care Medicine: Update 1992**. UCSF at Maui Intercontinental, Wailea, Maui, Hawaii. 1 week. \$540. Contact: UCSF.

April 9-11—**Advances in Rheumatology for Primary Care Physicians**. UCSF at Le Meridien Hotel, San Francisco. Thurs-Sat. \$240. Contact: UCSF.

April 10—**Office Orthopedics for the Primary Care Physician**. Sharp Memorial Hospital at San Diego Princess Vacation Village, San Diego. Fri. 20 hrs. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

GASTROENTEROLOGY

February 29-March 1—**Endoscopy Update 1992**. Southern California Society for Gastroenterology at Century Plaza Hotel, Los Angeles. Sat-Sun. Contact: Joyce Fried, University of California Brain Research Institute, Los Angeles 90024.

GERIATRICS

January 21-25—**9th UCLA Intensive Course in Geriatric Medicine**. UCLA at Beverly Hilton. Tues-Sat. 40 hrs. \$600. Contact: UCLA.

January 24-25—**Alzheimer's Disease: New Approaches to Treatment**. UCSD at Westgate Hotel, San Diego. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

March 6-8—**Recent Advances in Geriatric Medicine-Healthy People 2000: A New Look at Screening, Prevention and Rehabilitation in the Elderly**. UCSD at Pan Pacific Hotel, San Diego. Fri-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoy Ct, San Diego 92111. (619) 565-9921.

INFECTIOUS DISEASES

February 7-8—**10th Annual Infectious Disease**. UCD. Fri-Sat. Contact: UCD.

April 29-May 1—**13th Annual Advances in Infectious Diseases**. UCSF at San Francisco. Wed-Fri. \$400. Contact: UCSF.

INTERNAL MEDICINE

December 5—**Common Musculoskeletal Problems—Knee**. VA Medical Center Sepulveda. Thurs. 5.5 hrs. Contact: Arun Mehta, MD, VA Med Ctr. (818) 895-9344.

December 6-7—**Clinical Applications of New Advances in Internal Medicine**. UCD at Cancer Center Auditorium. Fri-Sat. 12 hrs. Contact: UCD.

January 30-February 1—**Advanced Nephrology: Nephrology for the Consultant**. UCSD at La Jolla Marriott, San Diego. Thurs-Sat. 17 hrs. \$350. Contact: UCSD.

February 22-28—**Topics and Advances in Internal Medicine**. UCSD at Sheraton Harbor Island, San Diego. Sat-Sun. Contact: UCSD.

February 27-29—**1992 Zimmerman Conference: Progress in Vascular Biology, Hemostasis and Thrombosis**. Scripps Clinic at Sheraton Grande Torrey Pines Hotel, La Jolla. Thurs-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 466)

March 20-26—**Internal Medicine 1992: A Comprehensive Review.** Sharp Memorial Hospital at Hotel del Coronado. Fri-Thurs. 54 hours. Contact: Jacqueline Shiller, PO Box 84296, San Diego 92138. (619) 223-2997.

NEUROLOGY

January 1-February 1—**15th Annual: Neurology for Non-Neurologists.** UCSD at Omni San Diego Hotel. Thurs-Sat. 21 hrs. \$425. Contact: UCSD.

February 13-15—**25th Annual Recent Advances in Neurology.** UCSF at San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.

OB/GYN

November 18-23—**14th Annual Review Course in Clinical OB/GYN and Gynecological Histopathology.** Memorial/UCI Center for Health Education at Westin South Coast Plaza, Costa Mesa. Mon-Sat. 44 hrs. Contact: UCI.

January 16-19—**OB/GYN and Ultrasound.** UCSD at Hotel del Coronado, San Diego. Thurs-Sun. 20 hrs. \$450. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 2-6—**Ambulatory Gynecology.** UCD at Hyatt Lake Tahoe, Incline Village, Nevada. Sun-Thurs. Contact: UCD.

February 13-16—**47th Annual Postgraduate Assembly.** OB/GYN Assembly of Southern California at Beverly Hilton, Beverly Hills. Thurs-Sun. 28 hrs. Contact: OB/GYN Assembly, 5820 Wilshire Blvd, #500, Los Angeles 90036. (213) 937-5514.

April 2-4—**Gynecologic Surgery.** Memorial/UCI Center for Health Education at Marquis Hotel, Palm Springs. Thurs-Sat. Contact: UCI.

April 2-4—**Ultrasound Update.** Memorial/UCI Center for Health Education at Bally's Hotel, Las Vegas. Thurs-Sat. Contact: UCI.

April 8-12—**Pacific Coast Fertility Society: Annual Scientific Program and Postgraduate Course.** Pacific Coast Fertility Society at Stouffer Esmeralda Resort, Indian Wells. Wed-Sun. 22 hrs. Contact: Director of Medical Education, 12760 La Mirada Blvd, Ste 220, La Mirada 90638. (213) 947-7068.

OCCUPATIONAL/ENVIRONMENTAL

January 27-February 7—**Occupational and Environmental Medicine Series: Session I.** UCSF at Miyako Hotel, San Francisco. Mon-Fri. 80 hrs. \$1200. Contact: UCSF.

February 10-14—**Occupational and Environmental Medicine: Session III.** UCSF at Miyako Hotel Japan Center, San Francisco. Mon-Fri. 40 hrs. \$600. Contact: UCSF.

February 12-16—**Team Physician Course.** American College of Sports Medicine at Wyndham Hotel, Palm Springs. Wed-Sun. Contact: ACMS, PO Box 1440, Indianapolis, IN 46202-1440. (317) 637-9200.

ONCOLOGY

November 21-23—**3rd Annual Symposium on Diagnosis and Treatment of Musculoskeletal Tumors.** UCD at Hyatt Regency, Sacramento. Thurs-Sat. 16 hrs. \$450. Contact: UCD.

December 11—**27th Annual Northern California Cancer Conference.** Enloe and Chico Community Hospital at Esplanade Building Enloe Hospital. Wed. Contact: Linda Spring, (916) 891-7375.

February 17-19—**Clinical Hematology and Oncology: 1992.** Scripps Clinic and Research Foundation at Sheraton Grande Torrey Pines Hotel, La Jolla. Mon-Wed. 18 hrs. \$385. Contact: Susan Buntjer, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

March 5-7—**7th International Conference on Monoclonal Antibody Immunoconjugates for Cancer.** UCSD at San Diego Marriott. Thurs-Sat. Contact: UCSD.

April 30-May 3—**Breast Cancer Conference.** Memorial/UCI Center for Health Education at Hyatt Regency, Long Beach. Thurs-Sun. Contact: UCI.

OPHTHALMOLOGY

January 31-February 4—**11th Annual Squaw Valley Retina Symposium.** Alta-California Ophthalmological Society at Resort at Squaw Creek, Olympic Valley. Fri-Tues. 16 hrs. Contact: Richard Murray, 2701 Eye St, Sacramento 95816. (916) 442-4975.

ORTHOPEDICS

January 23-25—**Orthopaedic Update II: Current Concepts and Advances.** UCSD at Hyatt Islandia Hotel, San Diego. Thurs-Sat. Contact: UCSD.

January 23-26—**Fracture Management.** UCD at Resort at Squaw Creek, Squaw Valley. Thurs-Sun. Contact: UCD.

March 15-20—**The Spine: Current Concepts of Diagnosis and Treatment.** Vanderbilt University Medical Center Department of Orthopaedics at Grand Hyatt Wailea, Maui, Hawaii. Sun-Fri. \$575. Contact: The Spine/Current Concepts, c/o Unconventional Inc, 3960 Park Blvd, Ste E, San Diego 92103. (619) 692-9115.

PAIN MANAGEMENT

November 15-16—**Pain Management.** UCD at Sterling Hotel, Napa. Fri-Sat. Contact: UCD.

December 11-15—**American Back Society Fall Symposium on Back Pain.** St. Francis Memorial Hospital Spine Center at Marriott, San Francisco. Wed-Sun. Contact: Aubrey Swartz, 2647 E 14th St, #401, Oakland 94601. (415) 536-9929.

February 19-22—**The Practicing Physician's Approach to the Difficult Headache Patient.** University of Chicago School of Medicine at Wyndham Hotel, Palm Springs. Wed-Sat. 15 hrs. Contact: Idell Applebaum, Diamond Headache Clinic, 5252 N Western Ave, Chicago, IL 60625. (312) 878-0396.

PATHOLOGY

January 10-11—**Pathology Update.** UCD at Cancer Center Auditorium. Fri-Sat. Contact: UCD.

April 11—**7th Annual Conference: New Treatment in Chronic Liver Disease.** Scripps Clinic and Research Foundation at La Jolla. Sat. 6 hrs. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

PEDIATRICS

November 20-23—**Pediatric Infectious Disease Seminar.** University of Toronto at Four Seasons Hotel, Newport Beach. Wed-Sat. Contact: University of Toronto, Medical Science Bldg, Toronto, Ontario M5S 1A8. (416) 978-2718.

January 22-25—**San Diego Conference on Responding to Child Maltreatment.** Children's Hospital at Hyatt Regency Hotel, La Jolla. Wed-Sat. Contact: Children's Hospital, 8001 Frost St, San Diego 92123. (619) 495-4940.

February 7-9—**Current Concepts in Pediatric Medicine: 1992.** Children's Hospital San Diego at Hyatt Islandia Hotel, San Diego. Fri-Sun. 18 hrs. Children's Hospital, (619) 576-4072.

March 4-6—**17th Annual Care of the Sick Newborn.** Memorial/UCI Center for Health Education at Long Beach. Wed-Fri. Contact: UCI.

PSYCHIATRY

January 26-31—**18th Annual Midwinter Program for Psychiatrists.** UCD at Hyatt Lake Tahoe. Sun-Fri. 25 hrs. \$395. Contact: UCD.

February 1-3—**West Coast Neuropsychological Assessment Conference: Recent Advances in the Boston Approach to Neuropsychological Assessment.** UCSD at Pan Pacific Hotel, San Diego. Sun-Mon. Contact: Cass Jones, Professional Conference Management, 7916 Convoct Ct, San Diego 92111. (619) 565-9921.

February 8-9—**Breakthroughs in Anxiety Disorders: Treating Anxiety, Panic and Obsessive-Compulsive Disorders and Depression.** UCSD at Omni Hotel, San Diego. Sat-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoct Ct, San Diego 92111. (619) 565-9921.

February 15-16—**Victims of Abuse: The Emotional Impact of Child and Adult Trauma.** San Diego Psychoanalytic Society and Institute at Hyatt Regency La Jolla at Aventine. Sat-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoct Ct, San Diego 92111. (619) 565-9921.

March 13-15—**West Coast Psychiatry Board Review: Preparation for Part II.** UCSD at US Grant Hotel, San Diego. Fri-Sun. Contact: Cass Jones, Professional Conference Management, 7916 Convoct Ct, San Diego 92111. (619) 565-9921.

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CONTINUING MEDICAL EDUCATION

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April 10-11—**The Cutting Edge 1992: Erotic Mysteries—Intimacy, Sexuality and Gender in the '90s**. UCSD at Omni Hotel, San Diego. Fri-Sat. Contact: Cass Jones, Professional Conference Management, 7916 Convo Ct, San Diego 92111. (619) 565-9921.

RADIOLOGY

November 15-17—**Advanced Seminars in Diagnostic Imaging**. UCSD at Ritz-Carlton Hotel, Laguna Niguel. Fri-Sun. \$400. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

January 10-12—**Advanced Seminars in Diagnostic Imaging**. UCSD at Ritz-Carlton Resort Hotel, Laguna Niguel. Fri-Sun. 15 hrs. \$400. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925 (404) 641-9773.

January 12-16—**Diagnostic Imaging Update: Body Imaging, Mammography, Neuroradiology and Pediatrics**. Stanford University Medical Center at Ritz-Carlton Palm Beach. Sun-Thurs. 23.5 hrs. \$550. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

January 31-February 2—**44th Annual Midwinter Radiological Conference**. Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Fri-Sun. 17.25 hrs. \$425. Contact: LARS, PO Box 91215, Los Angeles 90009-1215. (213) 827-9078.

February 4-7—**Advanced Seminars in Diagnostic Imaging**. UCSD at Le Meridien Hotel, Coronado. Tues-Fri. 20 hrs. \$500. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 4-8—**18th Annual Mid-Pacific Radiological Conference**. Los Angeles Radiological Society at Hyatt Regency Waikoloa, Hawaii. Tues-Sat. 18.5 hrs. \$550. Contact: LARS, PO Box 91215, Los Angeles 90009-1215. (213) 827-9078.

February 10-13—**Mammographically Detected Early Breast Cancer**. University of Alabama at Birmingham at Ritz-Carlton, Rancho Mirage. Mon-Thurs. 18 hrs. \$450. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 24-28—**Diagnostic Imaging Update: Body Imaging, Mammography, MRI and Interventional**. Stanford University Medical Center at Ritz-Carlton Mauna Lani, Hawaii. Mon-Fri. 23.5 hrs. \$550. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

February 27-March 1—**Advanced Seminars in Diagnostic Imaging**. UCSD at Ritz-Carlton, Laguna Niguel. Thurs-Sun. 20 hrs. \$500. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

March 2-6—**Magnetic Resonance Imaging**. UCSD at Hotel del Coronado, San Diego. Mon-Fri. 27.25 hrs. \$540. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

March 22-27—**MRI Workshop in Hawaii: 1992**. Queens Medical Center at Kea Lani Hotel, Wailea, Hawaii. Sun-Fri. 37 hrs. \$595. Contact: Susan Block, Queens Medical Ctr. 1301 Punchbowl St, Honolulu, HI 96813. (808) 547-4544.

April 19-24—**Residents Radiology Review Course**. UCSD at Hotel del Coronado, San Diego. Sun-Fri. 39 hrs. \$470. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

April 25—**Interventional Radiology**. UCSD at Hotel del Coronado, San Diego. Sat. 8 hrs. \$125. Contact: Dawne Ryals, PO Box 1925, Roswell, GA 30077-1925. (404) 641-9773.

REHABILITATIVE/THERAPEUTIC

November 14-16—**3rd Triennial Symposium on New Directions in Antiviral Chemotherapy**. UCSF at Sheraton Palace Hotel, San Francisco. Thurs-Sat. 19 hrs. \$200. Contact: UCSF.

March 5-7—**Rehabilitation: Science, Technology, Quality and Costs—Present and Future**. Scripps Memorial Hospital at La Jolla Marriott. 18.5 hrs. \$395. Contact: Meeting Management, 5665 Oberlin Dr, Ste 110, San Diego 92121. (619) 453-6222.

SLEEP MEDICINE

January 30-31—**New Horizons in Sleep Disorders Medicine**. California Thoracic Society at Doubletree Resort, Palm Springs. Thurs-Fri. Contact: California Thoracic Society, 202 Fashion Ln, #219, Tustin 92680. (714) 730-1944.

April 3-4—**Pharmacotherapeutics in Clinical Sleep Medicine**. Scripps Clinic and Research Foundation at La Jolla. Fri-Sat. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

SURGERY

December 5-6—**Advanced Techniques in Laparoscopic Surgery**. UCD. Thurs-Fri. 15 hrs. \$3200. Contact: UCD.

January 17-18—**What's New in General Surgery**. UCD at Radisson Hotel, Sacramento. Fri-Sat. 16 hrs. \$295. Contact: UCD.

February 8-11—**International Symposium on Hair Replacement Surgery**. American Academy of Facial Plastic and Reconstructive Surgery at Century City J W Marriott, Los Angeles. Sat-Tues. Contact: Sharon Clawson, (213) 278-8823.

February 9-14—**15th Annual San Diego Postgraduate Assembly in Surgery**. UCSD at Hotel del Coronado, San Diego. Sun-Fri. Contact: UCSD.

February 12-14—**2nd International Lung Transplant Symposium: Update 1992**. Cedars-Sinai Medical Center at Ritz-Carlton, Laguna Niguel. Wed-Fri. 6.5 hrs. \$500. Contact: Carolyn Lavitt, Continuing Education, 8700 Beverly Blvd, Los Angeles 90048. (213) 855-5547.

March 19-22—**42nd Annual Surgical Forum**. Society of Graduate Surgeons at Beverly Hilton, Beverly Hills. Thurs-Sun. Contact: SGS, 5820 Wilshire Blvd, Ste 500, Los Angeles 90036. (213) 937-5514.

GENERAL/MULTIDISCIPLINARY

December 9-10—**Clinical Care of the AIDS Patient**. UCSF at San Francisco Marriott Hotel. Mon-Tues. 13 hrs. \$250. Contact: UCSF.

January 25-27 and March 1-2—**Lactation Educator Training Programs**. UCLA at Loma Linda. 22.5 hrs. \$725. Contact: UCLA.

February 24-28—**Physician Heal Thyself**. UCSD at San Diego Princess Resort. Mon-Fri. Contact: UCSD.

March 12-13—**Dimensions of Caring 1992: Enhancing Quality of Life in Palliative Care**. Scripps Clinic and Research Foundation at Omni Hotel, San Diego. Thurs-Fri. Contact: Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 554-8556.

April 9-13—**Lactation Educator Training Programs**. UCLA at Westwood. 22.5 hrs. \$725. Contact: UCLA.

COLORADO

This listing of continuing medical education programs in Colorado is compiled by the Denver Medical Society. To list CME programs here, please send information at least two months in advance to: Mr Robert L. Kennedy, Denver Medical Society, 1850 Williams Street, Denver, CO 80218; or telephone (303) 377-1850.

Brochures, course information, and registration forms are available from the contact person or organization.

November 22-23—**Colorado Springs Perinatal Conference**. Children's Hospital of Denver at Embassy Suites Hotel, Colorado Springs. Fri-Sat. Contact: Christine Sievers-Spencer, (303) 861-6413.

November 22-23—**Cleft Lip and Palate Symposium**. Children's Hospital, Denver. Fri-Sat. Contact: Christine Sievers-Spencer, (303) 861-6413.

December 2-6—**Respiratory Therapy Traineeship Program**. Children's Hospital, Denver. Mon-Fri. Contact: Jeff Griebel, (303) 861-6188.

December 6-8—**Primary Care Office Computing**. University of Colorado School of Medicine at The Broker Inn, Boulder. Fri-Sun. Contact: Joann Bauer, (303) 270-5241.

December 6-8—**Advanced Laparoscopy for the General Surgeon**. Rose Medical Center and University of Colorado School of Medicine at Loew's Giorgio Hotel and University of Colorado Health Sciences Center, Denver. Fri-Sat. Contact: David R. Scott, (800) 525-5810.

December 21-April 11, 1992 (17 Weekly Meetings)—**Second Annual Vail Computers in Medicine Conference**. Rose Medical Center at L' Ostello Lodge, Vail. One week. Contact: David R. Scott, (800) 525-5810.

January 9-11—**Twenty-Seventh Annual Conference on Occupational Medicine & Colorado/AMA Guides to Evaluation of Permanent Impairment Course**. The Rocky Mountain Academy of Occupational Medicine and Colorado State Association of Occupational Health Nurses at Hyatt Regency Tech Center, Denver. Thurs-Sat. Contact: Douglas Scott, MD, (303) 782-9129.

January 25-February 1—**Reconstructive Surgery of the Hip and Knee**. University of Colorado School of Medicine at Snowmass Conference Center, Snowmass Village. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

January 25-February 1—**15th Annual Infectious Diseases in Clinical Practice**. UCSF at Beaver Run Resort and Conference Center, Breckenridge. Sat-Sat. 24 hrs. Contact: UCSF.

(Continued on Page 472)

Description: Yohimbine is a 3a-15a-20B-17a-hydroxy Yohimbine-16a-carboxylic acid methyl ester. The alkaloid is found in Rubiaceae and related trees. Also in Rauwolfia Serpentina (L) Benth. Yohimbine is an indolalkylamine alkaloid with chemical similarity to reserpine. It is a crystalline powder, odorless. Each compressed tablet contains (1/12 gr.) 5.4 mg of Yohimbine Hydrochloride.

Action: Yohimbine blocks presynaptic alpha-2 adrenergic receptors. Its action on peripheral blood vessels resembles that of reserpine, though it is weaker and of short duration. Yohimbine's peripheral autonomic nervous system effect is to increase parasympathetic (cholinergic) and decrease sympathetic (adrenergic) activity. It is to be noted that in male sexual performance, erection is linked to cholinergic activity and to alpha-2 adrenergic blockade which may theoretically result in increased penile inflow, decreased penile outflow or both.

Yohimbine exerts a stimulating action on the mood and may increase anxiety. Such actions have not been adequately studied or related to dosage although they appear to require high doses of the drug. Yohimbine has a mild anti-diuretic action, probably via stimulation of hypothalamic centers and release of posterior pituitary hormone.

Reportedly, Yohimbine exerts no significant influence on cardiac stimulation and other effects mediated by B-adrenergic receptors, its effect on blood pressure, if any, would be to lower it; however no adequate studies are at hand to quantitate this effect in terms of Yohimbine dosage.

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Contraindications: Renal diseases, and patient's sensitive to the drug. In view of the limited and inadequate information at hand, no precise tabulation can be offered of additional contraindications.

Warnings: Generally, this drug is not proposed for use in females and certainly must not be used during pregnancy. Neither is this drug proposed for use in pediatric, geriatric or cardio-renal patients with gastric or duodenal ulcer history. Nor should it be used in conjunction with mood-modifying drugs such as antidepressants, or in psychiatric patients in general.

Adverse Effects: Yohimbine readily penetrates the (CNS) and produces a complex pattern of responses in lower doses than required to produce peripheral alpha-adrenergic blockade. These include, anti-diuresis, a general picture of central excitation including elevation of blood pressure and heart rate, increased motor activity, irritability and tremor. Sweating, nausea and vomiting are common after parenteral administration of the drug.^{1,2} Also dizziness, headache, skin flushing reported when used orally.^{1,3}

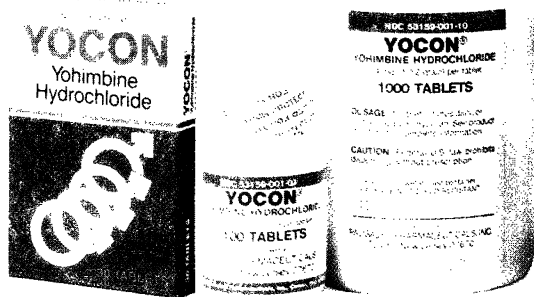
Dosage and Administration: Experimental dosage reported in treatment of erectile impotence.^{1,3,4} 1 tablet (5.4 mg) 3 times a day, to adult males taken orally. Occasional side effects reported with this dosage are nausea, dizziness or nervousness. In the event of side effects dosage to be reduced to 1/2 tablet 3 times a day, followed by gradual increases to 1 tablet 3 times a day. Reported therapy not more than 10 weeks.³

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References:

1. A. Morales et al., New England Journal of Medicine: 1221, November 12, 1981.
2. Goodman, Gilman — The Pharmacological Basis of Therapeutics 6th ed., p. 176-188. McMillan December Rev. 1/85.
3. Weekly Urological Clinical Letter: 27:2, July 4, 1983.
4. A. Morales et al., The Journal of Urology 128: 45-47, 1982.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 470)

February 8-15—**Seventeenth Annual Vail Psychiatry Conference.** Rose Medical Center and University of Colorado School of Medicine at Lion Square Lodge, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 8-15 **Sixth Annual Duke Symposium on Dermatologic and Rheumatic Diseases.** Duke University Medical Center at Marriott Mark Resort, Vail. One week. Contact: Symposium Coordinator, Duke University, (800) 457-1125.

February 8-15 **Fourteenth Annual Vail Emergency Medicine Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 10-14—**Family Practice Review,** University of Colorado School of Medicine, Denver. Mon-Fri. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 14-16 **Advanced Laparoscopy for the General Surgeon.** Rose Medical Center and University of Colorado School of Medicine at Loew's Giorgio Hotel and University of Colorado Health Sciences Center, Denver. Fri-Sun. Contact: David R. Scott, (800) 525-5810.

February 15-22—**Eighteenth Annual Vail Obstetrics and Gynecology Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 15-22—**Seventeenth Annual Vail Internal Medicine Conference.** Rose Medical Center and University of Colorado School of Medicine at Lion Square Lodge, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 28-March 2—**Principles of Anesthesia Technology.** University of Colorado School of Medicine at Marriott Mark Resort, Vail. Fri-Mon. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 22-29—**Seventeenth Annual Vail General and Vascular Surgery Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 22-29 **Neurology for the Primary Care Physician.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 29-March 7—**Colorado Review of Anesthesia.** University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 29-March 7—**Horizons in Surgery.** University of Colorado School of Medicine at Beaver Run Resort, Breckenridge. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

February 29-March 7—**Third Annual Vail Infectious Disease Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

February 29-March 7—**Fourteenth Annual Vail Pediatrics Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**Seventeenth Annual Vail Primary Care Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**"Minding the Body, Mending the Mind": Influencing Health and Healing.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 7-14—**Fifteenth Annual Vail Cancer Treatment Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 14-21—**Fifteenth Annual Vail Urology Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 14-21—**Fourteenth Annual Vail Sports Medicine Conference.** Rose Medical Center and University of Colorado School of Medicine at Marriott Mark Resort, Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 16-19 **Nineteenth Annual Neonatal and Infant Respiratory Symposium.** Ohio State University Hospitals at Marriott Mark Resort, Vail. Mon-Thurs. Contact: Arlene Rogers, Ohio University Hospitals, (614) 293-8487.

March 21-28 **Headache and Facial Pain Conference.** Rose Medical Center and University of Colorado School of Medicine at The Antlers at Vail. One week. Contact: David R. Scott, (800) 525-5810.

March 21-28—**Fourth Annual Colorado Geriatrics Overview/Board Review.** University of Colorado School of Medicine at Iron Horse Resort, Winter Park. One week. Contact: Joann Bauer, (303) 270-5195 or (800) 882-9153.

(Continued on Page 473)

CONTINUING MEDICAL EDUCATION

(Continued from Page 472)

First Wednesday of Each Month—**Various Topics in Neurology.** Sponsored by the Colorado Society of Clinical Neurologists. Contact: Colorado Society of Neurologists, (303) 449-3566.

CONTACT INFORMATION

U of Colo—Contact: University of Colorado School of Medicine, Office of Continuing Medical Education, 4200 E 9th Ave, Denver, CO. (303) 270-5195.

IDAHO

February 21-23—**33rd Annual Medical Winter Clinics—Wilderness and Travel Medicine.** Ada County Medical Society at Shore Lodge, McCall. Fri-Sun. 9 hrs. Cat. 1. \$100 for Idaho Medical Association members; \$150, nonmembers. Contact: Judy Barningham, Ada County Medical Society, PO Box 2668, Boise 83701. (208) 336-2930.

NEW MEXICO

Information, requests for accreditation, and items to be listed should be sent to the chair of the CME Committee, New Mexico Medical Society, 7770 Jefferson, Suite 400, Albuquerque, NM 87109, at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 828-0237.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

November 15-16—**The Diagnosis and Management of Anxiety Disorders.** Marriott Hotel, Albuquerque. Contact: Lee Stephenson, University of New Mexico School of Medicine, Office of CME, PO Box 713, Albuquerque 87131. (505) 277-3942.

November 22-23—**Trauma Update '91.** Holiday Inn Pyramid, Albuquerque. Contact: University of New Mexico School of Medicine, Office of CME, PO Box 713, Albuquerque 87131. (505) 277-3942.

December 5-7—**American College of Physicians Annual Scientific Meeting.** Marriott Hotel, Albuquerque. Contact: Linda Alsup, University of New Mexico School of Medicine, Office of CME, PO Box 713, Albuquerque 87131, (505) 277-3942; or Elsa Hall, New Mexico Medical Society, (505) 828-0237.

February 28-29—**20th Annual New Mexico Thoracic Society Lung Disease Conference.** El Dorado Hotel, Santa Fe. Contact: Billie Dytzel, 216 Truman, NE, Albuquerque 87108. (505) 265-0732.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. Accredited institutions wishing to list AMA Category 1 CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, UT 84102; or phone (801) 355-5290. For information on CME accreditation, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution.

MEDICAL GRAND ROUNDS

Each Wed—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept of Internal Medicine, Univ of Utah, (801) 581-7606.

* * *

November 15-16—**Laser Surgery—Laparoscopic Cholecystectomy** (Sponsor: UUSM). Fri-Sat. The Laser Institute, University of Utah, Salt Lake City. Contact: (801) 581-7001.

February 14-15—**1992 Winter Ski Meeting** (Sponsor: Utah Ophthalmological Society). Fri-Sat. Prospector Square Hotel, Park City. Contact: Mark Fotheringham, (801) 355-7477.

SPONSORS OF COURSES—ABBREVIATIONS

AHA:	American Heart Association, Utah Affiliate, 645 E 400 South, Salt Lake City 84102. (801) 322-5601.
CH:	Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price 84501. (801) 637-4800.
HCH:	Holy Cross Hospital, 1045 E First South, Salt Lake City 84102. (801) 350-4744.
ITS:	Intermountain Thoracic Society, 1616 S 11th East, Salt Lake City 84105. (801) 484-4456.
LDSH:	LDS Hospital, 8th Ave and "C" St, Salt Lake City 84143. (801) 321-1100.
LRH:	Logan Regional Hospital, 1400 N 5th East, Logan 84321. (801) 752-2050.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd, Ogden 84409. (801) 399-4141.
MVH:	Mountain View Hospital, 1000 E Highway 6, Payson 84651. (801) 465-9201.
144:	144th Evacuation Hospital, PO Box 8000, Salt Lake City 84108. (801) 524-3924.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PVH:	Pioneer Valley Hospital, 3460 S 4155 West, West Valley City 84120. (801) 968-9061.
UOS:	Utah Ophthalmological Society, 540 E 500 South, Salt Lake City 84102. (801) 355-7477.
USH:	Utah State Hospital, PO Box 270, Provo 84603-0270. (801) 373-4400.
UUSM:	University of Utah School of Medicine, Office of Continuing Medical Education, 50 N Medical Dr, Salt Lake City 84132. (801) 581-8664.
VAMC:	Veterans Administration Medical Center, 500 Foothill Dr, Salt Lake City 84148. (801) 582-1565.
VVMC:	Valley View Medical Center, 595 S 75 East, Cedar City 84720. (801) 586-6587.
WRI:	Western Rehabilitation Institute, 8074 S 1300 East, Sandy 84094. (801) 561-3400.

WASHINGTON

The listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here, please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 441-WSMA.

Brochures and registration forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

- November 14-15—**Drug Therapy.** Seattle. Thurs-Fri. Contact: U/W.
 November 15—**25th Annual Cancer Conference: Screening and Symptom Management for the Primary Care Provider.** Seattle. Fri. Contact: VMMC.
 November 22—**Cardiology Conference.** Seattle. Fri. Contact: Swedish Hospital, (206) 386-2265.
 November 22-23—**Advanced Pediatric Life Support.** Seattle. Fri-Sat. Contact: ACEP, (206) 441-9762.
 December 6—**Practical Pediatrics.** Seattle. Fri. Contact: VMMC.
 December 6-7—**Urology.** Seattle. Fri-Sat. Contact: (206) 441-9762.
 December 12-13—**Advanced Cardiac Life Support.** Tacoma. Thurs-Fri. Contact: PCMS.
 December 12-14—**American College of Physicians.** Seattle. Thurs-Sat. Contact: U/W.
 December 12-14—**7th Annual ID Conference.** Everett. Thurs-Sat. Contact: Pacific Northwest Medical Education Institute, (206) 258-6322.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 473)

- January 16—**Law and Medicine Symposium**. Tacoma. Thurs. Contact: PCMS.
- January 16-17—**Alzheimers Update**. Seattle. Thurs-Fri. Contact: U/W.
- January 24-25—**WTS Chest Conference**. Seattle. Fri-Sat. Contact: Washington Thoracic Society, (206) 441-5100.
- January 31—**Vascular Surgery Update for Primary Care Providers**. Seattle. Fri. Contact: VMMC.
- February 6-7—**A Day in the Office: Problems in Pediatric Practice 1992**. Seattle. Thurs-Fri. Contact: Group Health, (206) 326-3441.
- February 7—**Review of HIV Infections**. Tacoma. Fri. Contact: PCMS.
- February 14—**Cancer and the Nervous System**. Seattle. Fri. Contact: VMMC.
- February 28—**Office Intervention: Alcohol and Substance Abuse**. Tacoma. Fri. Contact: PCMS.
- March 9-13—**Geriatric Board Review**. Seattle. Mon-Fri. Contact: U/W.
- March 9-19—**Physical Medicine and Rehabilitation**. Bellevue. Mon-Thurs. Contact: U/W.
- March 12-13—**Internal Medicine Review—1992**. Tacoma. Thurs-Fri. Contact: PCMS.
- March 20—**Integrated Approach to the Dizzy Patient**. Seattle. Fri. Contact: VMMC.
- March 22-25—**Urgent Problems in Primary Care**. Bend, Oregon. Sun-Thurs. Contact: Group Health, (206) 326-3441.
- March 25—**Ethics Conference**. Seattle. Wed. Contact: VMMC.
- March 23-26—**Death Investigations**. Seattle. Mon-Thurs. Contact: U/W.
- March 25-27—**Spirometry Training for Worker Screening**. Seattle. Wed-Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.
- March 30-April 3—**Hawaii and CME**. Kauai, Hawaii. Mon-Fri. Contact: PCMS.
- April 10—**Recent Developments in Occupational Medicine**. Seattle. Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.
- April 10—**Gastro-Esophageal Reflux: A Multi-faceted Disease**. Seattle. Fri. Contact: VMMC.
- April 17-18—**Tacoma Surgical Club**. Tacoma. Fri-Sat. Contact: PCMS.
- April 24—**Annual Day of Pediatrics**. Tacoma. Fri. Contact: Multicare, (206) 594-1221.
- April 24-25—**Diabetes of the Eye**. Seattle. Fri-Sat. Contact: U/W.
- April 24-25—**Low-Back Pain**. Seattle. Fri-Sat. Contact: VMMC.
- April 30-May 2—**Musculoskeletal Disease**. Seattle. Thurs-Sat. Contact: U/W.
- May 8—**Office Procedures**. Tacoma. Fri. Contact: PCMS.
- May 13-15—**Fifth Conference on Occupational Hazards to Health Care Workers**. Seattle. Wed-Fri. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.
- May 21-22—**Cardiology Conference**. Tacoma. Thurs-Fri. Contact: Multicare, (206) 594-1221.
- May 27—**Pesticide Medicine**. Eastern Washington. Wed. Contact: NW Center for Occupational Health and Safety, (206) 543-1069.
- May 30—**The Fetal Patient**. Seattle. Sat. Contact: VMMC.
- June 22-23—**Advanced Cardiac Life Support**. Tacoma. Mon-Tues. Contact: PCMS.
- June 26—**Sports Medicine**. Tacoma. Fri. Contact: Multicare, (206) 594-1221.
- September 9-12—**Washington State Medical Association Annual Meeting**. Jantzen Beach, Oregon. Thurs-Sun. Contact: WSMA.
- September 23-24—**Critical Care**. Tacoma. Thurs-Fri. Contact: Multicare, (206) 594-1221. ♦

COURSE SPONSORS AND CONTACT INFORMATION

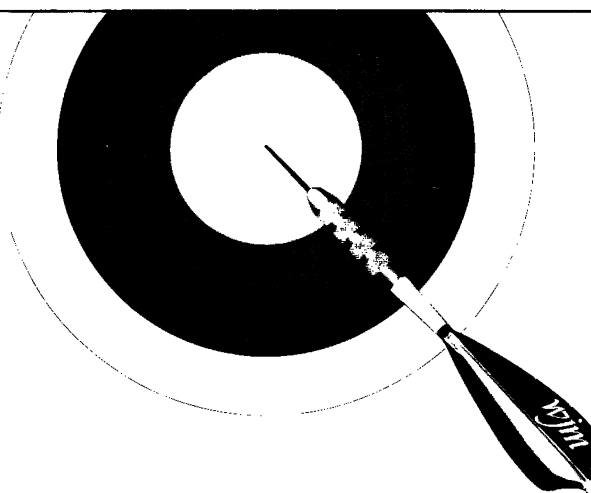
CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

PCMS CME—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

WSMA—Washington State Medical Association, Continuing Medical Education, 2033 Sixth Ave, Suite 900, Seattle, WA 98121. (206) 441-9762.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.



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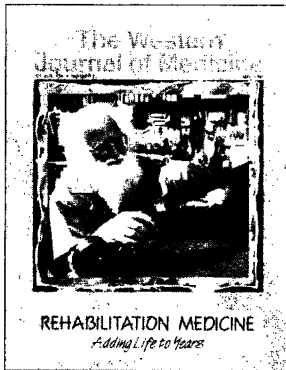
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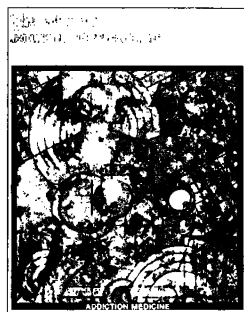


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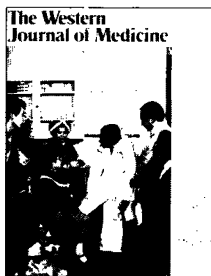


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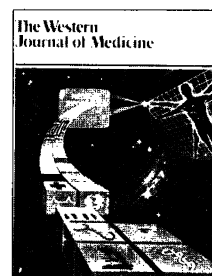
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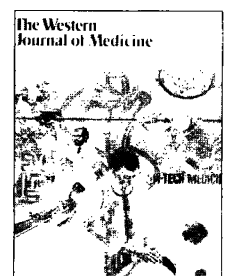
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Books

3. Berne EJ: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, NY, Oxford University Press, 1966, pp 35-51 (author of book is same as author of chapter)

4. Munson JD: The role of drugs, chap 2, *In* Brest AN, Mayer JD (Eds): *Hypertension—Vol 3, Therapy*, 2nd Ed. Chicago, Ill, Year Book Medical Publishers, 1961, pp 456-479 (authors of book differ from chapter author)

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5. Shusterman D: Espresso maker's wrist (Correspondence). *West J Med* 1990; 152:721-722

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6. The Health Consequences of Smoking—Cardiovascular Disease: A Report of the Surgeon General. Washington, DC, US Dept of Health and Human Services publication No. (PHS) 84-50204, 1983

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